Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043461.D
Acq On : 1 Nov 2019 12:10
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 22:19:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41845	20.00	ng		-0.02
21) Naphthalene-d8	10.82	136	174605	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	124537	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	300391	20.00	ng		-0.02
76) Chrysene-d12	21.66	240	327793	20.00	ng		0.00
87) Perylene-d12	24.85	264	395805	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	189386	82.93	ng		0.00
7) Phenol-d6	7.20	99	270142	82.22	ng		0.00
23) Nitrobenzene-d5	9.17	82	264742	78.17	ng		-0.02
42) 2,4,6-Tribromophenol	16.13	330	190101	80.21	ng		-0.02
45) 2-Fluorobiphenyl	13.27	172	724516	80.39	ng		0.00
79) Terphenyl-d14	20.00	244	1371083	78.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	36390	40.893	ng		97
3) Pyridine	3.89	79	100572	44.803	ng		97
4) n-Nitrosodimethylamine	3.80	42	46551	41.096	ng	#	85
6) Aniline	7.34	93	154185	40.738	ng		99
8) 2-Chlorophenol	7.59	128	100030	39.682	ng		97
9) Benzaldehyde	7.15	77	68710	42.554	ng		87
10) Phenol	7.22	94	123430	41.112	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	90985	39.198	ng		96
12) 1,3-Dichlorobenzene	7.90	146	125428	39.713	ng		100
13) 1,4-Dichlorobenzene	8.05	146	127395	39.867	ng		97
14) 1,2-Dichlorobenzene	8.37	146	121071	38.805	ng		98
15) Benzyl Alcohol	8.26	79	94999	41.171	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	127360	37.734	ng		98
17) 2-Methylphenol	8.47	107	88129	40.266	ng		98
18) Hexachloroethane	9.10	117	44697	38.770	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	84852	39.967	ng		98
20) 3+4-Methylphenols	8.80	107	122301	40.751	ng		87
22) Acetophenone	8.84	105	175261	39.195	ng	#	98
24) Nitrobenzene	9.22	77	126728	39.280	ng		96
25) Isophorone	9.74	82	239027	38.603	ng		99
26) 2-Nitrophenol	9.93	139	63911	41.032	ng		97
27) 2,4-Dimethylphenol	10.00	122	88904	39.823	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	134285	39.294	ng		99
29) 2,4-Dichlorophenol	10.48	162	113007	39.507	ng		88
30) 1,2,4-Trichlorobenzene	10.68	180	139219	38.617	ng		95
31) Naphthalene	10.87	128	344536	38.874	ng		99
32) Benzoic acid	10.17	122	67860	41.353	ng		98
33) 4-Chloroaniline	10.98	127	147757	40.671	ng		98
34) Hexachlorobutadiene	11.15	225	103502	38.837	ng		93
35) Caprolactam	11.76	113	39825	40.426	ng	#	87
36) 4-Chloro-3-methylphenol	12.12	107	122764	39.346	ng		97
37) 2-Methylnaphthalene	12.47	142	264529	38.900	ng		95
38) 1-Methylnaphthalene	12.69	142	250063	38.648	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	182938	39.692	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	127146	52.516	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	109060	40.181	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	113002	41.181	ng		98
46) 1,1'-Biphenyl	13.47	154	384628	40.598	ng		100
47) 2-Chloronaphthalene	13.52	162	285257	39.572	ng		98
48) 2-Nitroaniline	13.73	65	91646	42.537	ng		98
49) Acenaphthylene	14.37	152	454004	40.467	ng		98
50) Dimethylphthalate	14.10	163	385885	40.004	ng		99
51) 2,6-Dinitrotoluene	14.21	165	85120	40.618	ng		96
52) Acenaphthene	14.71	154	273988	40.046	ng		99
53) 3-Nitroaniline	14.56	138	84529	41.778	ng		88
54) 2,4-Dinitrophenol	14.76	184	53851	44.688	ng		95
55) Dibenzofuran	15.04	168	443944	40.013	ng		100
56) 4-Nitrophenol	14.88	139	59151	43.626	ng		97
57) 2,4-Dinitrotoluene	15.00	165	123470	41.227	ng		98
58) Fluorene	15.69	166	373618	40.150	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.27	232	116742	40.043	ng	#	99
60) Diethylphthalate	15.45	149	377373	38.935	ng		96
61) 4-Chlorophenyl-phenylether	15.68	204	214864	39.580	ng		98
62) 4-Nitroaniline	15.72	138	91755	43.911	ng		99
63) Azobenzene	15.97	77	308627	39.344	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	71457	40.421	ng		97
66) n-Nitrosodiphenylamine	15.90	169	328044	38.681	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	153267	37.913	ng		97
68) Hexachlorobenzene	16.70	284	175908	37.908	ng		98
69) Atrazine	16.84	200	101120	34.314	ng		93
70) Pentachlorophenol	17.05	266	83374	39.431	ng		97
71) Phenanthrene	17.43	178	594978	38.679	ng		99
72) Anthracene	17.52	178	603968	39.244	ng		99
73) Carbazole	17.79	167	546923	39.243	ng		100
74) Di-n-butylphthalate	18.35	149	665502	39.354	ng		99
75) Fluoranthene	19.44	202	789912	39.390	ng		99
77) Benzidine	19.62	184	276764	41.953	ng		99
78) Pyrene	19.80	202	796163	39.239	ng		99
80) Butylbenzylphthalate	20.68	149	307096	39.950	ng		98
81) Benzo(a)anthracene	21.64	228	826021	40.229	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	334299	42.094	ng		100
83) Chrysene	21.70	228	806441	39.530	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	442544	40.528	ng		99
85) Di-n-octyl phthalate	22.73	149	761217	41.089	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	1078578	42.119	ng		99
88) Benzo(b)fluoranthene	23.84	252	891954	39.789	ng		99
89) Benzo(k)fluoranthene	23.90	252	878830	38.942	ng		100
90) Benzo(a)pyrene	24.70	252	855933	39.984	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	891469	40.714	ng		99
92) Benzo(g,h,i)perylene	29.63	276	860270	39.831	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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